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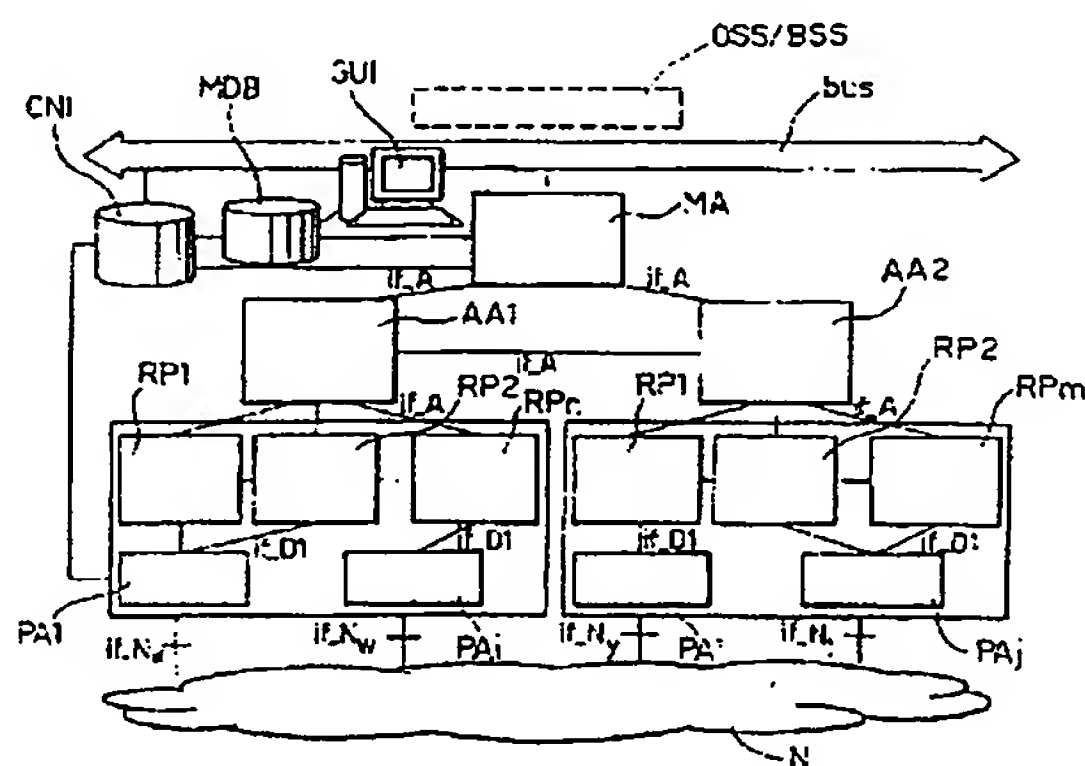
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(54) Title: SYSTEM ARCHITECTURE METHOD AND COMPUTER PROGRAM PRODUCT FOR MANAGING TELECOMMUNICATION NETWORKS



(57) Abstract: A system architecture for managing a telecommunication network (N) including network equipments and supported network services, wherein the equipments have associated control interfaces (if<sub>N<sub>α</sub></sub>, if<sub>N<sub>w</sub></sub>, if<sub>N<sub>y</sub></sub>, if<sub>N<sub>i</sub></sub>). The architecture comprises - a base layer (RA, RP) proxying the interfaces (if<sub>N<sub>α</sub></sub>, if<sub>N<sub>w</sub></sub>, if<sub>N<sub>y</sub></sub>, if<sub>N<sub>i</sub></sub>) and decoupling them from management functions, and - a support layer (AA) comprised of a community of agents co-ordinating operation of said base layer (RA, RP) in order to support distributed management functionalities. The base layer and the support layer constitute separated superposed layers in the architecture. The layers (PA, RP; AA; MA) in the architecture preferably include components adapted to perform respective functions based on respective instruction information provided to them. A data base (MDB) is provided storing the instruction information and the architecture being is arranged for distributing the instruction information from the data base (MDB) to the components. Preferably, all the layers in the architecture include process executors (PE).



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